

## Environmental Protection Agency

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the provisions of this paragraph after application of the best practical control technology currently available:

[Metric units, kg/kkg of product; English units, lb/1,000 lb of product]

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
COD .....	7.77	2.59
BOD <sub>5</sub> .....	0.72	0.24
TSS .....	0.25	0.084
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range 6.0 to 9.0.

[41 FR 10184, Mar. 9, 1976, as amended at 60 FR 33971, June 29, 1995]

### Subpart B [Reserved]

### Subpart C—Explosives Load, Assemble, and Pack Plants Subcategory

#### § 457.30 Applicability; description of the commercial explosives load, assemble and pack plants subcategory.

The provisions of this subpart are applicable to discharges resulting from explosives load, assemble and pack plants.

#### § 457.31 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

(b) The term “product” shall mean products from plants which blend explosives and market a final product, and plants that fill shells and blasting caps. Examples of such installations would be plants manufacturing ammonium nitrate and fuel oil (ANFO), nitrocarbonitrate (NCN), slurries, water gels, and shells.

#### § 457.32 Effluent limitations and guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart, shall

achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

(a) The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the explosives load, assemble and pack plants by a point source subject to the provisions of this paragraph after application of the best practical control technology currently available:

[Metric units, kg/kkg of product; English units, lb/1,000 lb of product]

Effluent characteristic	Effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days shall not exceed—
O&G .....	0.11	0.035
TSS .....	0.26	0.088
pH .....	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Within the range 6.0 to 9.0.

[41 FR 10184, Mar. 9, 1976, as amended at 60 FR 33971, June 29, 1995]

## PART 458—CARBON BLACK MANUFACTURING POINT SOURCE CATEGORY

### Subpart A—Carbon Black Furnace Process Subcategory

Sec.

458.10 Applicability; description of the carbon black furnace process subcategory.

458.11 Specialized definitions.

458.12 [Reserved]

458.13 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

458.14 [Reserved]

458.15 Standards of performance for new sources.

458.16 Pretreatment standards for new sources.

### Subpart B—Carbon Black Thermal Process Subcategory

458.20 Applicability; description of the carbon black thermal process subcategory.

458.21 Specialized definitions.

458.22 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best

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practicable control technology currently available.

458.23 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

458.24 [Reserved]

458.25 Standards of performance for new sources.

458.26 Pretreatment standards for new sources.

### Subpart C—Carbon Black Channel Process Subcategory

458.30 Applicability; description of the carbon black channel process subcategory.

458.31 Specialized definitions.

458.32 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

458.33 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

458.34 [Reserved]

458.35 Standards of performance for new sources.

458.36 Pretreatment standards for new sources.

### Subpart D—Carbon Black Lamp Process Subcategory

458.40 Applicability; description of the carbon black lamp process subcategory.

458.41 Specialized definitions.

458.42 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

458.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

458.44 [Reserved]

458.45 Standards of performance for new sources.

458.46 Pretreatment standards for new sources.

AUTHORITY: Secs. 301, 304 (b) and (c), 306(b), 307 (b) and (c), Federal Water Pollution Control Act, as amended (33 U.S.C. 1251, 1311, 1314 (b) and (c), 1316(b) and 1317 (b) and (c), 86 Stat. 816 *et seq.*; Pub. L. 92-500) (the Act).

SOURCE: 43 FR 1343, Jan. 9, 1978, unless otherwise noted.

## 40 CFR Ch. I (7-1-14 Edition)

### Subpart A—Carbon Black Furnace Process Subcategory

#### § 458.10 Applicability; description of the carbon black furnace process subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of carbon black by the furnace process.

#### § 458.11 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter shall apply to this subpart.

(b) The term “product” shall mean carbon black manufactured by the furnace process.

(c) The term “process waste water” shall mean waters which result from baghouse operations or thermal quench operations.

#### § 458.12 [Reserved]

#### § 458.13 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black furnace process by a point source subject to the provisions of this subpart after application of the best available technology economically achievable: There shall be no discharge of process waste water pollutants to navigable waters.

#### § 458.14 [Reserved]

#### § 458.15 Standards of performance for new sources.

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black furnace process by a new source subject to the provisions of this subpart: There shall be no discharge of process waste water pollutants to navigable waters.

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### § 458.16 Pretreatment standards for new sources.

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403. In addition, the following pretreatment standard establishes the quantity or quality of pollutants or pollutant properties controlled by this section which may be discharged to a publicly owned treatment works by a new source subject to the provisions of this subpart:

Pollutant or pollutant property—Oil and grease.

Pretreatment standard—100mg/liter.

[60 FR 33972, June 29, 1995]

### Subpart B—Carbon Black Thermal Process Subcategory

#### § 458.20 Applicability: description of the carbon black thermal process subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of carbon black by the thermal process.

#### § 458.21 Specialized definitions.

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter shall apply to this subpart.

(b) The term “product” shall mean carbon black manufactured by the thermal process.

(c) The term “process waste water” shall mean waters which result from baghouse operations or thermal quench operations.

#### § 458.22 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart, shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT):

There shall be no discharge of process waste water pollutants into navigable waters.

[60 FR 33972, June 29, 1995]

#### § 458.23 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph which may be discharged from the carbon black thermal process by a point source subject to the provisions of this subpart after application of the best available technology economically achievable: There shall be no discharge of process waste water pollutants to navigable waters.

#### § 458.24 [Reserved]

#### § 458.25 Standards of performance for new sources.

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black thermal process by a new source subject to the provisions of this subpart: There shall be no discharge of process waste water pollutants to navigable waters.

#### § 458.26 Pretreatment standards for new sources.

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403. In addition, the following pretreatment standard establishes the quantity or quality of pollutants or pollutant properties controlled by this section which may be discharged to a publicly owned treatment works by a new source subject to the provisions of this subpart:

Pollutant or pollutant property—Oil and grease.

Pretreatment standard—100mg/liter.

[60 FR 33972, June 29, 1995]

**Subpart C—Carbon Black  
Channel Process Subcategory**

**§ 458.30 Applicability; description of  
the carbon black channel process  
subcategory.**

The provisions of this subpart are applicable to discharges resulting from the production of carbon black by the channel process.

**§ 458.31 Specialized definitions.**

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter shall apply to this subpart.

(b) The term “product” shall mean carbon black manufactured by the channel process.

**§ 458.32 Effluent limitations guidelines  
representing the degree of effluent  
reduction attainable by the applica-  
tion of the best practicable control  
technology currently available.**

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart, shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT): There shall be no discharge of process waste water pollutants into navigable waters.

[60 FR 33972, June 29, 1995]

**§ 458.33 Effluent limitations guidelines  
representing the degree of effluent  
reduction attainable by the applica-  
tion of the best available tech-  
nology economically achievable.**

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black channel process by a point source subject to the provisions of this subpart after application of the best available technology economically achievable: There shall be no discharge of process waste water pollutants to navigable waters.

**§ 458.34 [Reserved]**

**§ 458.35 Standards of performance for  
new sources.**

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black channel process by a new source subject to the provisions of this subpart: There shall be no discharge of process waste water pollutants to navigable waters.

**§ 458.36 Pretreatment standards for  
new sources.**

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403. In addition, the following pretreatment standard establishes the quantity or quality of pollutants or pollutant properties controlled by this section which may be discharged to a publicly owned treatment works by a new source subject to the provisions of this subpart:

Pollutant or pollutant property—Oil and grease.

Pretreatment standard—100mg/liter.

[60 FR 33972, June 29, 1995]

**Subpart D—Carbon Black Lamp  
Process Subcategory**

**§ 458.40 Applicability; description of  
the carbon black lamp process sub-  
category.**

The provisions of this subpart are applicable to discharges resulting from the production of carbon black by the lamp process.

**§ 458.41 Specialized definitions.**

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter shall apply to this subpart.

(b) The term “product” shall mean carbon black manufactured by the lamp process.

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### **§ 458.42 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.**

Except as provided in §§ 125.30 through 125.32, any existing point source subject to this subpart, shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT): There shall be no discharge of process waste water pollutants into navigable waters.

[60 FR 33972, June 29, 1995]

### **§ 458.43 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.**

The following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black lamp process by a point source subject to the provisions of this subpart after application of the best available technology economically achievable: There shall be no discharge of process waste water pollutants to navigable waters.

### **§ 458.44 [Reserved]**

### **§ 458.45 Standards of performance for new sources.**

The following standards of performance establish the quantity or quality of pollutants or pollutant properties, controlled by this paragraph, which may be discharged from the carbon black lamp process by a new source subject to the provisions of this subpart: There shall be no discharge of process waste water pollutants to navigable waters.

### **§ 458.46 Pretreatment standards for new sources.**

Any new source subject to this subpart that introduces process wastewater pollutants into a publicly owned treatment works must comply with 40 CFR part 403. In addition, the following pretreatment standard establishes the quantity or quality of pollutants or

pollutant properties controlled by this section which may be discharged to a publicly owned treatment works by a new source subject to the provisions of this subpart:

Pollutant or pollutant property—Oil and grease.

Pretreatment standard—100mg/liter.

[60 FR 33972, June 29, 1995]

## **PART 459—PHOTOGRAPHIC POINT SOURCE CATEGORY**

### **Subpart A—Photographic Processing Subcategory**

Sec.

459.10 Applicability; description of the photographic processing subcategory.

459.11 Specialized definitions.

459.12 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

### **Subpart B [Reserved]**

AUTHORITY: Secs. 301, 304 (b), (c), 306(b), Federal Water Pollution Control Act, as amended (33 U.S.C. 1251, 1311, 1314 (b) and (c) and 1316(b), 86 Stat. 816 *et seq.*; Pub. L. 92-500 (the Act).

SOURCE: 41 FR 29079, July 14, 1976, unless otherwise noted.

### **Subpart A—Photographic Processing Subcategory**

#### **§ 459.10 Applicability; description of the photographic processing subcategory.**

The provisions of this subpart are applicable to point source discharges resulting from the development or printing of paper prints, slides, negatives, enlargements, movie film, and other sensitized materials except that facilities processing 150 sq. meters (1600 sq. feet) per day or less are not covered. Both commercial and military facilities are covered by this subpart.

#### **§ 459.11 Specialized definitions.**

For the purpose of this subpart:

(a) Except as provided below, the general definitions, abbreviations and methods of analysis set forth in part 401 of this chapter shall apply to this subpart.